



Ionization Profile Monitor Project

Current Status of IPM Buffer Board

(Project Update)

21 September 2004

Current Status of IPM Buffer Module Project

- Three boards fully assembled and tested.
- Two more boards should be fully assembled today.
- Firmware progress steady but slow. Basic functions are implemented and simulate correctly, but problems getting it to work correctly in real hardware are slowing progress.
- Software development begun. Software able to access basic functions of the board.

Schedule

- Some slippage due to slow transition from simulation to real hardware.
- Expect to begin testing Front End Board to Buffer Board connection today or tomorrow.
- Expect to deliver a board with software within four weeks. This board will have the basic functions implemented.
- Balance of boards to be delivered within the following eight weeks.
- Expect to deliver fully functional microcode within the next eight weeks.

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